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United States Department of Agriculture,

OFFICE OF THE SECRETARY—Circular No. 128.

REGULATIONS

GOVERNING ENTRANCE
TO THE

VETERINARY-INSPECTOR EXAMINATION.

Promulgated by the Secretary of Agriculture and approved by the President of the Civil Service Commission to indicate the requirements as to veterinary schools and colleges whose graduates are admitted to examinations for veterinary inspectors in the Bureau of Animal Industry.

EFFECTIVE ON AND AFTER SEPTEMBER 5, 1918.

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REGULATIONS GOVERNING ENTRANCE TO THE VETERINARY-INSPECTOR EXAMINATION.

By and with the consent and approval of the United States Civil Service Commission, the following regulations are hereby promulgated with reference to the matriculation examination and course of instruction in veterinary science at veterinary schools and colleges required to educate and qualify persons for the civil-service examination for the position of veterinary inspector in the United States Department of Agriculture, Bureau of Animal Industry. These regulations also include a list of the schools and colleges at present accredited and qualified to supply the graduates eligible to enter the above-mentioned civil-service examination.

It is to be distinctly understood that no power to direct or control the work of the veterinary schools or colleges is claimed by the Civil Service Commission or by the Department of Agriculture. The regulations which follow merely indicate what are the requirements of the Government as to veterinary schools and colleges whose graduates are admitted to examinations for veterinary inspectors in the Bureau of Animal Industry.

REGULATION I.—Matriculation.

1. The matriculation requirement for admission to accredited veterinary colleges shall be at least two years' high-school education. of at least seven full units or their equivalent. The possession of this education by the student must be evidenced by approved credentials.

2. Admission on credentials must be based on credentials authenticated by the active superintendent, principal, or head master of a school that is listed as accredited by the United States Bureau of Education.

3. If the applicant receives his education in any other than an accredited secondary school, the equivalence of that education to seven full units must be certified in each individual credential by—

(a) The State commissioner of education (or a similar officer) of the State in which the education was received.

(b) The chairman of the admission committee of a university which is a member of the Association of American Universities, or the chairman of the admission committee of a university which is a member of an association of State universities.

An applicant having a diploma from a recognized college or a normal or high school shall be eligible for admission to a veterinary college.

No other forms of credentials than those specified shall be considered acceptable.

4. Students may be admitted to accredited veterinary colleges on examinations instead of credentials. provided the examinations cover the ground rep-

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resented by seven secondary school units and are held under the direction of one of the officers mentioned in section 3 of this regulation and the extent and record of the examination is certified by one of the officers mentioned in said section. No other examiners are considered acceptable.

5. The last entrance examination shall be held not later than 15 days subsequent to the advertised annual opening of the college year, and no time credit shall be allowed to students admitted after that date.

6. Any person applying for admission to a veterinary college shall present, before being enrolled, the credentials or certificate of examination required by these regulations, and in no case shall he be admitted until he has complied with these requirements.

7. All accredited veterinary colleges shall keep on file, for at least five years, the credentials or certificates of examination of all persons admitted as students in veterinary science.

8. No entrance conditions shall be allowed.

REGULATION II.—Subjects constituting course of instruction.

The appended list of subjects shall constitute the course of instruction required as a minimum for veterinary colleges. These, numerically indicated, shall be known as the major subjects, and those designated by letters shall be under the direction of the professors in charge of the allied major subjects.

1. Anatomy:
   - (a) Histology (veterinary).
   - (b) Zoology (veterinary).
   - (c) Embryology.
2. Physiology:
   - (a) Principles of nutrition.
   - (b) Hygiene.
   - (c) Animal locomotion.
3. Zootechnics:
   - (a) Breeds and breeding.
   - (b) Judging.
   - (c) Feeds and feeding.
   - (d) Dairy inspection.
   - (e) Jurisprudence.
4. Chemistry:
   - (a) Physics, elementary.
   - (b) Physiological chemistry—analysis of milk, urine, etc.
5. Materia medica:
   - (a) Botany (medical).
   - (b) Pharmacy.
   - (c) Toxicology.
6. Pathology:
   - (a) Bacteriology.
   - (b) Parasitology.
   - (c) Post-mortem examination.
   - (d) Meat inspection.
   - (e) Laboratory diagnosis.
7. Practice of comparative medicine:
   - (a) Diagnostic methods and clinics.
   - (b) Therapeutics.
   - (c) Control of infective diseases.

8. Surgery:
   (a) Surgical diagnosis and clinics.
   (b) Surgical restraint.
   (c) Soundness.
   (d) Lameness.
   (e) Shoeing and balancing.
   (f) Dentistry.
   (g) Obstetrics.

REGULATION III.—Length of course.

The course of instruction when given during the day shall cover a period of four years of not less than six and one-half months in each year, exclusive of final examinations and holidays; and this course of instruction shall have as a minimum 150 days of actual teaching in each year and a minimum of 3,380 actual teaching hours for the entire four years. The course of instruction when given at night (after 6 p. m.) shall cover a period of four years of not less than eight and one-half months in each year, exclusive of final examinations and holidays. Such course of night instruction shall have as a minimum 200 days of actual teaching in each year, and a minimum of 3,380 actual teaching hours for the entire four years, including at least 150 hours of practical clinical instruction, which shall be given in the daytime.

REGULATION IV.—Minimum number of hours in course.

Anatomy, major subject:		
Lectures	200	
Laboratory	350	
		550
Histology (veterinary)—		
Lectures	60	
Laboratory	100	
		160
Embryology—		
Lectures	10	
Laboratory	20	
		30
Zoology (veterinary)—		
Lectures	20	
Laboratory	20	
		40
Total for subject		780
Physiology, major subject:		
Lectures	80	
Laboratory	20	
		100
Principles of nutrition	10	
Hygiene	20	
Animal locomotion	5	
		35
Total for subject		135

Zootechnics, major subject:		
Breeds and breeding		30
Judging		30
Feeds and feeding		30
Dairy inspection		10
Jurisprudence		10
Total for subject		110
Chemistry, major subject:		
Lectures	50	
Laboratory	150	
		200
Physics (elementary)		20
Physiological chemistry—		
Urine analysis	10	
Milk analysis	10	
		20
Total for subject		240
Materia medica, major subject:		
Lectures		140
Pharmacy, lectures, and laboratory		50
Botany (medical)		30
Toxicology		10
Total for subject		230
Pathology, major subject:		
Lectures	40	
Laboratory	100	
		140
Bacteriology—		
Lectures	50	
Laboratory	100	
		150
Parasitology—		
Lectures	30	
Laboratory	30	
		60
Post-mortem examination		10
Meat inspection		50
Laboratory diagnosis		50
Total for subject		460
Practice of comparative medicine, major subject:		
Lectures		300
Diagnostic methods and clinics		320
Therapeutics		100
Control of infective diseases		25
Total for subject		745

Surgery, major subject:		
Lectures	150	
Surgical exercises	60	
		210
Surgical diagnosis and clinics		265
Surgical restraint		30
Soundness		20
Lameness, lectures, and clinics		75
Shoeing and balancing		10
Dentistry, lectures, and laboratory		20
Obstetrics		50
Total for subject		680

Recapitulation.

Total hours for anatomy group	780
Total hours for physiology group	135
Total hours for zootechnics group	110
Total hours for chemistry group	240
Total hours for materia medica group	230
Total hours for pathology group	460
Total hours for practice of comparative medicine group	745
Total hours for surgery group	680
Total hours, four-year course	3,380

REGULATION V.—Transfer of time from one subject to another of same group.

An elasticity may be allowed in the apportionment of the time to the different subjects (or their divisions) under each group to the extent that not more than 25 per cent may be omitted from the time of any one subject, provided this deducted time be added to some other subject or subjects in the same group.

REGULATION VI.—Grading of course.

The course shall be graded in such manner as to avoid unnecessary repetition of lectures or instruction to the same student. For example, a student, while a freshman, should be required to complete a definitely outlined course in such subjects as anatomy, histology, chemistry, etc. When advanced to the next class he should either drop the studies of the preceding year and take up new work, or he may continue the same subject; for example, anatomy, along advanced lines of instruction.

REGULATION VII.—Number of veterinarians.

On the faculty of every veterinary college there shall be at least five graduate veterinarians from accredited veterinary colleges teaching major subjects, each of whom shall have had not less than one year's additional training in some accredited veterinary college or three years' experience in teaching or in practicing veterinary science subsequent to graduation from an accredited veterinary college.

REGULATION VIII.—Qualifications of teaching veterinarians.

Not more than three of the five veterinarians in charge of major subjects on each college faculty shall be graduates of any one veterinary college, unless they have had at least one year's additional training in another veterinary college.

REGULATION IX.—Subjects taught by veterinarians.

The five veterinarians on the faculty of each veterinary college shall have charge of the following major subjects: (1) Anatomy; (2) Practice of Comparative Medicine; (3) Surgery, and any two of the following three subjects: Pathology, Materia Medica, or Physiology.

REGULATION X.—Evidence of attendance.

At the end of the college year each student is entitled to and shall receive a written statement giving the length of time spent in each study during the session and the grade received therein. This statement, or definite evidence of credit, shall be exacted from a student before he is given advanced standing in any veterinary college.

REGULATION XI.—Transfer of students.

A student transferring from one accredited veterinary college to another accredited veterinary college shall be given credit only for such time and courses (lectures and laboratory) as he has successfully completed in the institution previously attended. No one of the accredited veterinary colleges shall give credit to any student for any work done at veterinary colleges not included in the accredited list.

REGULATION XII.—Applicants from colleges not veterinary.

1. An applicant who has successfully completed at least two years' work in a reputable college of human medicine, dentistry, pharmacy, or agriculture, and who brings an official and explicit certificate describing his course of study and scholarship, and also certificate of honorable dismissal, shall not be admitted to advanced classes or standing in a veterinary college except as otherwise provided in section 2 of this regulation, but may be given credit for such subjects as have been successfully completed in such colleges if, in the subjects for which credit is sought, said colleges maintain a standard of instruction similar and equal to the minimum standard of requirements established by these regulations.

2. An applicant from a State agricultural college having upon its faculty one or more graduate veterinarians giving a special preveterinary course may be given a time credit of one year, provided he has a certificate from the college authorities that he has successfully completed at least 1,200 hours in studies as follows:

Anatomy (comparative), histology, embryology, physiology, physics, botany, zoology, chemistry (including milk analysis), and agriculture (including breeds and breeding, live-stock judging, stock feeding, and dairy inspection).

3. An applicant from a State agricultural college that has established a course of instruction in veterinary science which is similar and equal to the first two years of the course taught at accredited veterinary colleges, on the presentation of proper credentials, may be given a time credit not to exceed two years when transferring from such accredited agricultural college to an accredited veterinary college.

LIST OF ACCREDITED AGRICULTURAL COLLEGES THAT COMPLY WITH THE REQUIREMENTS OF THIS SECTION OF REGULATION XII.

Georgia State College of Agriculture, Veterinary Division.
North Carolina College of Agriculture and Mechanical Arts, Department of Veterinary Medicine.

North Dakota Agricultural College, School of Veterinary Medicine and Surgery.

Oklahoma Agricultural and Mechanical College, Department of Veterinary Medicine.

Texas Agricultural and Mechanical College, School of Veterinary Medicine.

REGULATION XIII.—Agricultural and medical college graduates.

1. A graduate of the regular four-year agricultural course in an agricultural college having upon its faculty a qualified veterinarian giving a regular course of instruction in veterinary science may be given a time credit of one year, but this credit shall apply only to such subjects as he has successfully completed, provided the course of instruction in said agricultural college, in the subjects for which credit is sought, is similar and equal to the minimum standard of requirements in the course indicated in these regulations.

2. A graduate of a reputable college of human medicine, on presentation of a diploma from such college, may be given a time credit of one year, but this credit shall apply only to such subjects as he has successfully passed, provided the course of instruction in said medical college in the subjects for which credit is sought is similar and equal to the minimum standard of requirements in the course indicated in these regulations.

REGULATION XIV.—Graduation periods.

No veterinary college shall have more than two graduation periods yearly, nor shall diplomas be issued except at the end of the first semester or at the close of the regular college year.

REGULATION XV.—Graduation.

1. A candidate for graduation shall have attained the age of 21 years and attended four full college years in a veterinary college herein recognized (except as otherwise provided in Regulations XII and XIII); the last year of attendance must have been at the college to which he applies for graduation.

2. He must have completed successfully the course of study and passed all the final examinations in the subjects indicated in these regulations.

3. If he fails to pass satisfactorily in subjects representing in time 25 per cent or more of his senior year, these subjects must be taken in full again with a succeeding class before he can be graduated.

REGULATION XVI.—Information for Department of Agriculture.

1. All veterinary colleges shall furnish promptly to the Department of Agriculture a copy of their annual announcements and of all other publications relative to the courses of instruction offered.

2. They shall also furnish: (1) Not later than 20 days after the opening of the first session of each college year, a complete list of their matriculates by classes, giving the full name and legal residence of each student and the basis on which admitted to the first-year class; and (2) within 10 days after the close of the college year, a complete list of the last graduating class.

REGULATION XVII.—Eligibility for United States civil-service examination.

Graduates of the accredited veterinary colleges herein listed shall be eligible at all times for the United States civil-service examination for employment as

veterinary inspectors in the Bureau of Animal Industry, subject to the other requirements of the civil-service rules as to fitness, etc.

REGULATION XVIII.—Not eligible to civil service.

No undergraduate or other person who has not received a diploma from an accredited veterinary college shall be permitted to take the civil-service examination for the position of veterinary inspector except that senior students who expect to graduate within six months from the date of the examination may register for such examination, but shall not receive appointment until a certificate is filed showing evidence of actual graduation.

REGULATION XIX.—Supervision of veterinary colleges.

The Department of Agriculture shall maintain such supervision of the work of the veterinary colleges as shall enable it to secure the requisite information to determine whether such colleges are faithfully complying with the minimum standard of requirements indicated in these regulations.

REGULATION XX.—List of accredited veterinary colleges.

The following is the list of accredited veterinary colleges. This list will be added to, as occasion may arise, upon recommendation of the Department of Agriculture or upon proof made to the Civil Service Commission that any school or college has qualified as provided in these regulations for eligibility and whose courses of study are found to be satisfactory to the department or to the commission according to the standards herein established:[1]

Alabama Polytechnic Institute, College of Veterinary Medicine.
Chicago Veterinary College.
Cincinnati Veterinary College.
Colorado State College, Division of Veterinary Medicine.
Indiana Veterinary College.
Iowa State College, Division of Veterinary Medicine.
Kansas State Agricultural College, Veterinary Department.
McKillip Veterinary College.
Michigan Agricultural College, Division of Veterinary Science.
New York State Veterinary College, Cornell University.
New York State Veterinary College, New York University.
Ohio State University, College of Veterinary Medicine.
St. Joseph Veterinary College.[2]
State College of Washington, Veterinary Department.
United States College of Veterinary Surgeons.[3]
University of Pennsylvania, School of Veterinary Medicine.
University of Toronto, Ontario Veterinary College, to include those graduated during or prior to 1897 and those in attendance beginning session 1918–19.

Graduates of the following-named colleges which are not now in session will be admitted to examinations:

American Veterinary College, New York, N. Y.
Columbia Veterinary College, New York, N. Y.

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[1] This list is subject to change. The failure of any college to comply with the provisions of the regulations will necessitate removal from the list.

[2] Matriculates in 1910, in addition to the regular course, will be required to take one year's additional instruction at this college. Graduates prior to 1914 will be required to have had one year's practice and to take an additional year's instruction at this or some other accredited veterinary college.

[3] Graduates of 1910 and 1911 will be required to present a certificate showing attendance for an additional session at this or some other accredited veterinary college.

Columbian University, Veterinary School, Washington, D. C.
George Washington University, College of Veterinary Medicine.
Grand Rapids Veterinary College, Grand Rapids, Mich.
Harvard University, School of Veterinary Medicine, Boston, Mass.
Kansas City Veterinary College, Kansas City, Mo.
McGill University, Veterinary Department, Montreal, Canada.
National Veterinary College, Washington, D. C.
New York College of Veterinary Surgeons, New York, N. Y.
New York-American Veterinary College, New York, N. Y.
San Francisco Veterinary College,[1] San Francisco, Cal.
Terre Haute Veterinary College, Terre Haute, Ind.

Graduates of the following-named foreign colleges will be admitted to examinations:

Glasgow Veterinary College, Glasgow, Scotland.
Royal Veterinary College, London, England.
Royal Veterinary College of Ireland, Dublin, Ireland.
Royal (Dick) Veterinary College, Edinburgh, Scotland.
The New Veterinary College, Liverpool, England.
Veterinary College of Lemberg, Austria.
University of Melbourne, Veterinary School, Melbourne, Australia.
Royal Superior Veterinary School, Naples, Italy.

Approved:

D. F. Houston,
Secretary of Agriculture.

Approved (by direction of the Civil Service Commission):

J. A. McIlhenny, *President.*

Washington, D. C., *August 31, 1918.*

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[1] To include only those graduated during or prior to 1918.